

PATENT APPLICATION
File No: 02-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Chung Chan, Bruce L. Zamost, Douglas C. Covert, Hong Y. Liu, Karen
S. de Jongh, Jeffrey D. Meyer, Susan D. Holderman
Serial No. : 10/735,149
Group Art Unit : 1646
Confirmation No. : 2580
Examiner : Jiang, D.
Filed : December 12, 2003
For : IL-21 PRODUCTION IN PROKARYOTIC HOSTS
Date Submitted : December 21, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

In accordance with 37 C.F.R. 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been conducted, nor shall it be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

The references are listed in PTO form 1449 which is in accordance with the requirements of M.P.E.P. 609. Applicants believe that their invention as claimed is patentable over the references. It is respectfully requested that these references be considered by the Patent and Trademark Office in its examination of the above-identified application and be made of record therein. The Examiner is also invited to contact the Undersigned if there are any questions concerning this paper or the attached references. Applicants have not included copies of the U.S. Patent Applications listed on the attached PTO-1449 as they are available on PAIR, but will supply paper copies if requested by the Examiner.

Information Disclosure Statement dated: December 21, 2006

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The Commissioner is hereby authorized to charge the fee under 37 C.F.R. §1.17(p) of \$180.00 to ZymoGenetics, Inc. Deposit Account No. 26-0290.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Deborah A. Sawislak".

Deborah A. Sawislak
Registration No. 37,438

Customer No. 10117
ZymoGenetics, Inc.

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

Serial No.
10/735,149

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Chung Chan, Bruce L. Zamost, Douglas
C. Covert, Hong Y. Liu, Karen S. de
Jongh, Jeffrey D. Meyer, Susan D.
Holderman

Filing Date:
December 12, 2003

Group: 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	10/7456,780	06/06/03	Nelson et al.			
	A2	11/539,036	10/05/06	Zamost et al.			
	A3	11/539,045	10/05/06	Zamost et al.			
	A4	11/539,055	10/05/06	Zamost et al.			
	A5	10/456,262	06/06/03	Nelson et al.			
	A6	11/553,367	10/26/06	Nelson et al.			
	A7	11/553,381	10/26/06	Nelson et al.			
	A8	11/553,389	10/26/06	Nelson et al.			
	A9	11/553,392	10/26/06	Nelson et al.			
	A10	11/553,395	10/26/06	Nelson et al.			
	A11	10/456,780	06/06/03	Nelson et al.			
	A12	11/548,196	10/10/06	Nelson et al.			
	A13	11/548,202	10/10/06	Nelson et al.			
	A14	11/548,517	10/11/06	Nelson et al.			
	A15	11/548,530	10/11/06	Nelson et al.			
	A16	11/548,538	10/11/06	Nelson et al.			
	A17	11/548,554	10/11/06	Nelson et al.			
	A18	11/548,567	10/11/06	Nelson et al.			
	A19	11/548,574	10/11/06	Nelson et al.			
	A20	11/548,585	10/11/06	Nelson et al.			
	A21	11/548,877	10/12/06	Nelson et al.			
	A22	11/548,946	10/12/06	Nelson et al.			
	A23	11/548,963	10/12/06	Nelson et al.			
	A24	11/548,969	10/12/06	Nelson et al.			
	A25	11/134,489	05/20/05	Kindsvogel et al.			
	A26	11/539,479	10/06/06	Kindsvogel et al.			
	A27	11/539,493	10/06/06	Kindsvogel et al.			
	A28	11/539,511	10/06/06	Kindsvogel et al.			
	A29	11/285,970	11/23/05	Yee			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (REV 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		File No. 02-12		Serial No. 10/735,149	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant(s): Chung Chan, Bruce L. Zamost, Douglas C. Covert, Hong Y. Liu, Karen S. de Jongh, Jeffrey D. Meyer, Susan D. Holderman			
				Filing Date: December 12, 2003		Group: 1646	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A30	10/659,684	09/10/03	Novak et al.			
	A31	11/549,772	10/16/06	Novak et al.			
	A32	11/551,807	10/23/06	Novak et al.			
	A33	11/551,344	10/20/06	Novak et al.			
	A34	11/549,868	10/16/06	Novak et al.			
	A35	11/551,349	10/20/06	Novak et al.			
	A36	11/551,362	10/20/06	Novak et al.			
	A37	11/551,368	10/20/06	Novak et al.			
	A38	11/551,811	10/23/06	Novak et al.			
	A39	11/551,820	10/23/06	Novak et al.			
	A40	10/787,442	02/26/04	Novak et al.			
	A41	11/532,776	09/18/06	Novak et al.			
	A42	11/551,127	10/19/06	Novak et al.			
	A43	11/551,136	10/19/06	Novak et al.			
	A44	11/551,139	10/19/06	Novak et al.			
	A45	11/551,144	10/19/06	Novak et al.			
	A46	11/551,349	10/20/06	Novak et al.			
	A47	11/346,580	02/02/06	Novak et al.			
	48	6,605,272	08/12/03	Novak et al.	424	85.2	
	49	6,686,178	10/23/01	Novak et al.	435	69.52	
	50	6,057,128	05/20/00	Donaldson et al.	435	69.1	
	51	2005124044	06/15/04	Cunningham et al.			

FOREIGN PATENT DOCUMENTS							
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Examiner	Date considered
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	52	03/087320	10/23/03	WO			
	53	03/082212	10/09/03	WO			
	54	1513993	04/29/03	CN			
	55	2005049847	06/02/05	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)							
	A56		Asano et al., "Antitumor activity of interleukin-21 prepared by novel refolding procedure from inclusion bodies expressed in <i>Escherichia coli</i> ," <u>FEBS Letters</u> 528:70-76, 2002.				
Examiner				Date considered			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							